

30.5%*
less gas used with CHMS



Ref: 13204

Central Heating Management System

Case Study – Bishops Stortford CM23



Property:	Detached House
Age:	Built 1933
Size:	n/a
Construction:	Cavity Walls
Insulation:	Loft and Walls
Bedrooms:	2 Bedrooms
Reception:	1 Reception Rooms
Glazing:	Double Glazing
EPC Score:	n/a
Installed:	July 2013
Reviewed	May 2014 (& July 2014)

OBJECTIVE

- ✓ To assess the central heating system after the installation of the CHMS
- ✓ To ensure the system is fitted and working correctly
- ✓ To discuss with the customer their experience of the CHMS and heating comfort
- ✓ To advise on the best way to use the system to get the most out of it
- ✓ To measure fuel consumption by analysis of energy bills

ORIGINAL HEATING SYSTEM

System Description: System - Vented
Boiler Make/Model: Glowworm Ultracom
Wall thermostat: None
Programmer: Digital

Pipe Type & Size: Two Pipe
Fuel: GAS
No of radiators: Six
Port Valve: n/a
Age: 1 years
TRVs: All

UPGRADED HEATING SYSTEM The installation includes:

Magic Heating Box:	Y	Dig 3 Channel Programmer:	Y	Magnetic Filter:	N
Digital Wall Thermostat	Y	6m Circulation Pump:	Y	Liquid TRVs (100%):	Y
Cleansing of System:	Y	Two Port Valve (MoMo):	Y	Deaerator:	Y
Cleaner Accelerant:	Y	Electrolytic Scale Reducer:	N	Pipe Stat:	Y
Anti-Corrosion Inhibitor:	Y	New Cylinder:	N	New Boiler:	N

RESULTS

The gas energy bills for period December 2012 to June 2013 before installation compared to the period December 2013 to May and July 2014 after the CHMS was installed showed a saving of 30.5%. The boiler setting was reduced from 65°C to 60°C.

CUSTOMER COMMENTS

“ The Central Heating Management System was installed to operate with my gas central heating system. I have found it simple to control and responsive to my heating needs. Reviewing my gas bills has shown a saving of over 30% with possibility of further savings as the boiler was set too high.”

*Disclaimer: This case study is for illustrative purposes only and is a unique example of a saving made on the specific property concerned. The CHMS can provide savings of up to 30% (units/kWh) of the heating bill, if used correctly. kgCO2 saving based on Carbon Trust Conversion Factors 2013 and displayed as a monthly average over test period. (No adjustment made for environmental or human variables). Star rating based on customer questionnaire. The Magic Thermodynamic Box Ltd does not endorse any savings made in customer testimonials that may exceed 30% as any savings achieved are dependent on lifestyle and usage.